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**FOURTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

11

**Complete if known**

Application Number	09/776,267
Filing Date	February 2, 2001
First Named Inventor	Fallon
Art Unit	2115
Examiner Name	Suresh K. Suryawanshi
Attorney Docket Number	8011-15

**U.S. PATENT DOCUMENTS**

Examiner initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
S63		4,127,518	11-28-1978	Coy et al.	
S63		4,302,775	11-24-1981	Widergren et al.	
S63		4,574,351	03-04-1986	Dang et al.	
S63		4,593,324	06-03-1986	Ohkubo et al.	
S63		4,682,150	07-21-1987	Mathes et al.	
S63		4,730,348	03-08-1988	MacCrisken	
S63		4,754,351	06-28-1988	Wright	
S63		4,804,959	02-14-1989	Makansi et al.	
S63		4,870,415	09-26-1989	Van Maren et al.	
S63		4,872,009	10-03-1989	Tsukiyama et al.	
S63		4,876,541	10-24-1989	Storer	
S63		4,888,812	12-19-1989	Dinan et al.	
S63		4,906,995	03-06-1990	Swanson	
S63		4,929,946	05-29-1990	O'Brien et al.	
S63		4,953,324	09-04-1990	Herrmann	
S63		4,965,675	10-23-1990	Hori et al.	
S63		5,028,922	07-02-1991	Huang	
S63		5,045,848	09-03-1991	Fascenda	
S63		5,045,852	09-03-1991	Mitchell et al.	
S63		5,046,027	09-03-1991	Taaffe et al.	
S63		5,049,881	09-17-1991	Gibson et al.	
S63		5,097,261	03-17-1992	Langdon, Jr. et al.	

Examiner Signature	Suresh K Suryawanshi	Date Considered	10/10/06
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Sheet	2	of	11	Attorney Docket Number	8011-15
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**Complete if known**

Application Number	09/776,267
Filing Date	February 2, 2001
First Named Inventor	Fallon
Art Unit	2115
Examiner Name	Suresh K. Suryawanshi

S6s	5,113,522	05-12-1992	Dinwiddie, Jr. et al.
S6s	5,121,342	06-09-1992	Szymborski
S6s	5,150,430	09-22-1992	Chu
S6s	5,159,336	10-27-1992	Rabin et al.
S6s	5,175,543	12-29-1992	Lantz
S6s	5,179,651	01-12-1993	Taaffe et al.
S6s	5,191,431	03-02-1993	Hasegawa et al.
S6s	5,204,756	04-20-1993	Chevion et al.
S6s	5,212,742	05-18-1993	Normile et al.
S6s	5,231,492	07-27-1993	Dangi et al.
S6s	5,237,460	08-17-1993	Miller et al.
S6s	5,237,675	08-17-1993	Hannon, Jr.
S6s	5,243,341	09-07-1993	Seroussi et al.
S6s	5,243,348	09-07-1993	Jackson
S6s	5,247,638	09-21-1993	O'Brien et al.
S6s	5,247,646	09-21-1993	Osterlund et al.
S6s	5,263,168	11-16-1993	Toms et al.
S6s	5,270,832	12-14-1993	Balkanski et al.
S6s	5,287,420	02-15-1994	Barrett
S6s	5,293,379	03-08-1994	Carr
S6s	5,309,555	05-03-1994	Akins et al.
S6s	5,355,498	10-11-1994	Provino et al.
S6s	5,357,614	10-18-1994	Pattisam et al.
S6s	5,379,036	01-03-1995	Storer

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/10/06
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Substitute for form 1449A/PTO				<b>Complete if known</b>	
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				Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
(use as many sheets as necessary)				Attorney Docket Number	8011-15
Sheet	3	of	11		

Stey	5,381,145	01-10-1995	Allen et al.
Stey	5,394,534	02-28-1995	Kulakowski et al.
Stey	5,396,228	03-07-1995	Garahi
Stey	5,406,278	04-11-1995	Graybill et al.
Stey	5,406,279	04-11-1995	Anderson et al.
Stey	5,412,384	05-02-1995	Chang et al.
Stey	5,414,850	05-09-1995	Whiting
Stey	5,420,639	05-30-1995	Perkins
Stey	5,452,287	09-19-1995	Dicecco
Stey	5,461,679	10-24-1995	Normile et al.
Stey	5,467,087	11-14-1995	Chu
Stey	5,471,206	11-28-1995	Allen et al.
Stey	5,479,587	12-26-1995	Campbell et al.
Stey	5,486,826	01-23-1996	Remillard
Stey	5,495,244	02-27-1996	Je-Chang et al.
Stey	5,506,844	04-09-1996	Rao
Stey	5,506,872	04-09-1996	Mohler
Stey	5,530,845	06-25-1996	Hiatt et al.
Stey	5,533,051	07-02-1996	James
Stey	5,535,356	07-09-1996	Kim et al.
Stey	5,537,658	07-16-1996	Bakke et al.
Stey	5,557,551	09-17-1996	Craft
Stey	5,557,668	09-17-1996	Brady
Stey	5,557,749	09-17-1996	Norris

Examiner Signature	Suresh K Suryawanshi	Date Considered	10/10/01
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**Complete if known****FOURTH SUPPLEMENTAL  
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(use as many sheets as necessary)

Sheet	4	of	11	Attorney Docket Number	8011-15
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S6s	5,561,824	10-01-1996	Carreiro et al.
S6s	5,574,952	11-12-1996	Brady et al.
S6s	5,576,953	11-19-1996	Hugentobler
S6s	5,583,500	12-10-1996	Allen et al.
S6s	5,590,306	12-31-1996	Watanabe et al.
S6s	5,596,674	01-21-1997	Bhandari et al.
S6s	5,604,824	02-18-1997	Chui et al.
S6s	5,606,706	02-25-1997	Takamoto et al.
S6s	5,612,788	03-18-1997	Stone
S6s	5,615,017	03-25-1997	Choi
S6s	5,621,820	04-15-1997	Rynderman et al.
S6s	5,623,623	04-22-1997	Kim et al.
S6s	5,623,701	04-22-1997	Bakke et al.
S6s	5,627,534	05-06-1997	Craft
S6s	5,627,995	05-06-1997	Miller et al.
S6s	5,629,732	05-13-1997	Moskowitz et al.
S6s	5,630,092	05-13-1997	Carreiro et al.
S6s	5,642,506	06-24-1997	Lee
S6s	5,649,032	07-16-1997	Burt et al.
S6s	5,652,795	07-29-1997	Dillon et al.
S6s	5,652,917	07-29-1997	Maupin et al.
S6s	5,654,703	08-05-1997	Clark, II
S6s	5,655,138	08-05-1997	Kikinis
S6s	5,666,560	09-09-1997	Moertl et al.

Examiner Signature	Suresh K Suryawanshi	Date Considered	10/10/06
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				<b>Filing Date</b>	February 2, 2001
				<b>First Named Inventor</b>	Fallon
				<b>Art Unit</b>	2115
				<b>Examiner Name</b>	Suresh K. Suryawanshi
Sheet	5	of	11	<b>Attorney Docket Number</b>	8011-15

5683	5,668,737	09-16-1997	Iller
5683	5,671,389	09-23-1997	Saliba
5683	5,675,333	10-07-1997	Boursier et al.
5683	5,694,619	12-02-1997	Konno
5683	5,696,927	12-09-1997	MacDonald et al.
5683	5,703,793	12-30-1997	Wise et al.
5683	5,715,477	02-03-1998	Kikinis
5683	5,717,393	02-10-1998	Nakano et al.
5683	5,717,394	02-10-1998	Schwartz et al.
5683	5,721,958	02-24-1998	Kikinis
5683	5,724,475	03-03-1998	Kirsten
5683	5,729,228	03-17-1998	Franaszek et al.
5683	5,748,904	05-05-1998	Huang et al.
5683	5,757,852	05-26-1998	Jericevic et al.
5683	5,771,340	06-23-1998	Nakazato et al.
5683	5,778,411	07-07-1998	DeMoss et al.
5683	5,781,767	07-14-1998	Inoue et al.
5683	5,784,572	07-21-1998	Rostoker et al.
5683	5,787,487	07-28-1998	Hashimoto et al.
5683	5,799,110	08-25-1998	Israelsen et al.
5683	5,805,932	09-08-1998	Kawashima et al.
5683	5,808,660	09-15-1998	Sekine et al.
5683	5,809,176	09-15-1998	Yajima
5683	5,809,337	09-15-1998	Hannah et al.

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(use as many sheets as necessary)				Attorney Docket Number	8011-15
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S1c3	5,812,789	09-22-1998	Diaz et al.	
S1c3	5,818,368	10-06-1998	Langley	
S1c3	5,818,369	10-06-1998	Withers	
S1c3	5,818,530	10-06-1998	Canfield et al.	
S1c3	5,819,215	10-06-1998	Dobson et al.	
S1c3	5,825,424	10-20-1998	Canfield et al.	
S1c3	5,832,037	11-03-1998	Park	
S1c3	5,832,126	11-03-1998	Tanaka	
S1c3	5,836,003	11-10-1998	Sadeh	
S1c3	5,838,996	11-17-1998	deCarmo	
S1c3	5,839,100	11-17-1998	Wegener	
S1c3	5,841,979	11-24-1998	Schulhof et al.	
S1c3	5,847,762	12-08-1998	Canfield	
S1c3	5,861,824	01-19-1999	Ryu et al.	
S1c3	5,861,920	01-19-1999	Mead et al.	
S1c3	5,870,036	02-09-1999	Franaszek et al.	
S1c3	5,870,087	02-09-1999	Chau	
S1c3	5,872,530	02-16-1999	Domyo et al.	
S1c3	5,883,975	03-16-1999	Narita et al.	
S1c3	5,886,655	03-23-1999	Rust	
S1c3	5,889,961	03-30-1999	Dobbek	
S1c3	5,915,079	06-22-1999	Vondran, Jr. et al.	
S1c3	5,917,438	06-29-1999	Ando	
S1c3	5,920,326	07-06-1999	Rentschler et al.	

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Sheet	7	of	11	Attorney Docket Number	8011-15

SKS	5,936,616	08-10-1999	Torborg, Jr. et al.	
SKS	5,949,355	09-07-1999	Panaoussis	
SKS	5,955,976	09-21-1999	Heath	
SKS	5,960,465	09-28-1999	Adams	
SKS	5,964,842	10-12-1999	Packard	
SKS	5,968,149	10-19-1999	Jaquette et al.	
SKS	5,973,630	10-26-1999	Heath	
SKS	5,974,471	10-26-1999	Belt	
SKS	5,982,723	11-09-1999	Kamatani	
SKS	5,991,515	11-23-1999	Fall et al.	
SKS	5,996,033	11-30-1999	Chiu-Hao	
SKS	6,000,009	12-07-1999	Brady	
SKS	6,002,411	12-14-1999	Dye	
SKS	6,011,901	01-04-2000	Kirsten	
SKS	6,014,694	01-11-2000	Aharoni et al.	
SKS	6,026,217	02-15-2000	Adiletta	
SKS	6,028,725	02-22-2000	Blumenau	
SKS	6,031,939	02-29-2000	Gilbert et al.	
SKS	6,032,148	02-29-2000	Wilkes	
SKS	6,061,398	05-09-2000	Satoh et al.	
SKS	6,075,470	06-13-2000	Little et al.	
SKS	6,094,634	07-25-2000	Yahagi et al.	
SKS	6,097,520	08-01-2000	Kadnier	
SKS	6,104,389	08-15-2000	Ando	

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SKS	6,105,130	08-15-2000	Wu et al.
SLS	6,128,412	10-03-2000	Satoh
SBS	6,141,053	10-31-2000	Saukkonen
SLS	6,145,069	11-07-2000	Dye
SLS	6,172,936	01-09-2001	Kitazaki
SLS	6,192,082	02-20-2001	Moriarty et al.
SLS	6,195,024	02-27-2001	Fallon
SLS	6,253,264	06-26-2001	Sebastian
SLS	6,272,627	08-07-2001	Mann
SLS	6,272,628	08-07-2001	Aguilar et al.
SLS	6,282,641	08-28-2001	Christensen
SLS	6,309,424	10-30-2001	Fallon
SLS	6,317,714	11-13-2001	Del Castillo et al.
SLS	6,330,622	12-11-2001	Schaefer
SLS	6,345,307	02-05-2002	Booth
SLS	6,421,387	07-16-2002	Rhee
SLS	6,434,168	08-13-2002	Kari
SLS	6,442,659	08-27-2002	Blumenau
SLS	6,449,682	09-10-2002	Toorians
SLS	6,452,602	09-17-2002	Morein
SLS	6,487,640	11-26-2002	Lipasti
SLS	6,489,902	12-03-2002	Heath
SCL	6,513,113	01-28-2003	Kobayashi
SLS	6,529,633	03-04-2003	Easwar et al.

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Substitute for form 1449A/PTO

**FOURTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

9

of

11

**Complete if known**

Application Number	09/776,267
Filing Date	February 2, 2001
First Named Inventor	Fallon
Art Unit	2115
Examiner Name	Suresh K. Suryawanshi
Attorney Docket Number	8011-15

863	6,542,644	04-01-2003	Satoh
863	6,590,609	07-08-2003	Kitade et al.
863	6,601,104	07-29-2003	Fallon
863	6,604,158	08-05-2003	Fallon
863	6,606,040	08-12-2003	Abdat
863	6,606,413	08-12-2003	Zeineh
863	6,618,728	09-09-2003	Rail
863	6,624,761	09-23-2003	Fallon
863	6,711,709	03-23-2004	York
863	6,745,282	06-01-2004	Okada et al.
863	6,748,457	06-08-2004	Fallon
863	6,856,651	02-15-2005	Singh
863	6,888,893	05-03-2005	Li et al.
863	7,054,493	05-30-2006	Schwartz
863	2001/ 0032128	10-18-2001	Kepecs
863	2002/ 0037035	03-28-2002	Singh
863	2002/ 0104891	08-08-2002	Otto
863	2002/ 0126755	09-12-2002	Li et al.
863	2003/ 0034905	02-20-2003	Anton et al.
863	2003/ 0084238	05-01-2003	Okada et al.
863	2003/ 0142874	07-31-2003	Schwartz

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/10/06
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Substitute for form 1449A/PTO				<b>Complete if known</b>	
<b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/776,267
				Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	10	of	11	Attorney Docket Number	8011-15

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
S63		EP 0164677	12-18-1985	Texas Instruments Inc.	
S63		EP 0185098	06-25-1986	Hitachi Ltd	
S63		EP 0283798	09-28-1988	International Business Machines Corporation	
S63		EP 0405572	06-29-1990	Fujitsu Limited	
S63		EP 0493130	12-27-1991	Canon Kabushiki Kaisha	
S63		EP 0587437	09-10-1993	International Business Machines Corporation	
S63		EP 0595406	05-04-1994	Philips Electronics	
S63		GB 2162025	01-22-1986	King Reginald Alfred	
S63		JP 9188009	01-09-1996	Canon Inc.	
S63		JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd	
S63		WO 9414273	06-23-1994	Voxson International Pty Ltd	
S63		WO 9429852	12-22-1994	Maxtor Corp	
S63		WO 9502873	01-26-1995	Philips Electronics	
S63		WO 9748212	06-03-1997	Nokia Telecommunications	

Examiner Signature	Suresh K Suryawanshi	Date Considered	10/10/06
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<b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/776,267
Sheet	11	of	11	Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
				Attorney Docket Number	8011-15

NON PATENT LITERATURE DOCUMENTS				
Examiner initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
S63		RICE, ROBERT F., "Some Practical Universal Noiseless Coding Techniques", Jet Propulsion Laboratory, Pasadena, California, JPL Publication 79-22, March 15, 1979.		
S63		ANDERSON, J., et al. "Codec squeezes color teleconferencing through digital telephone lines", Electronics 1984, pp. 13-15		
S63		VENBRUX, JACK, "A VLSI Chip Set for High-Speed Lossless Data Compression", IEEE Trans. On Circuits and Systems for Video Technology, Vol. 2, No. 44, December 1992, pp. 381-391		
S63		"Operating System Platform Abstraction Method", IBM Technical Disclosure Bulletin, Feb. 1995, Vol. 38, Issue No. 2, pp 343-344		
S63		MURASHITA, K., et al., "High-Speed Statistical Compression using Self-organized Rules and Predetermined Code Tables", IEEE, 1996 Data Compression Conference		
S63		COENE, W., et al. "A Fast Route For Application of Rate-distortion Optimal Quantization in an MPEG Video Encoder" Proceedings of the International Conference on Image Processing, US., New York, IEEE, 16 September 1996, pp. 825-8286		
S63		RICE, ROBERT, "Lossless Coding Standards for Space Data Systems", IEEE 1058-6393/97, pp. 577-585		
S63		YEH, PEN-SHU, "The CCSDS Lossless Data Compression Recommendation for Space Applications", Chapter 16, Lossless Compression Handbook, Elsevier Science (USA), 2003, PP. 311-326.3		

Examiner Signature	Suresh K. Suryawanshi	Date Considered	19/10/06
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				<b>Application Number</b>	09/776,267
				<b>Filing Date</b>	February 2, 2001
				<b>First Named Inventor</b>	Fallon
				<b>Art Unit</b>	2115
				<b>Examiner Name</b>	Suresh Suyawanshi
Sheet	1	of	1	<b>Attorney Docket Number</b>	8011-15

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
SBs		4,394,774	07-19-1983	Widergren et al.	
SBs		5,209,220	05-11-1993	Hiyama et al.	
SBs		5,379,757	01-10-1995	Hiyama et al.	
SBs		6,169,241	01-02-2001	Shimizu	
SBs		6,661,839	12-09-2003	Ishida et al.	

Examiner Signature	Suresh Suyawanshi	Date Considered	10/10/06
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		Number – Kind Code <sup>2</sup> (if known)			
SKJ		5,227,893	07-13-1993	Ett	
SLG		5,400,401	03-21-1995	Wasilewski et al.	
SLG		5,403,639	04-04-1995	Belsan et al.	
SLG		5,613,069	03-18-1997	Walker	
SLG		5,635,632	06-03-1997	Fay et al.	
SLG		5,635,932	06-03-1997	Shinagawa et al.	
SLG		5,719,862	02-17-1998	Lee et al.	
SLG		5,796,864	08-18-1998	Callahan	
SLG		5,867,167	02-02-1999	Deering	
SLG		6,182,125	01-30-2001	Borella et al.	
SLG		6,609,223	08-19-2003	Wolfgang	

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